



MAILING WEIGHT COMPUTER

A method of determining the mailing weight of individual printed pieces. The listed substance weights are shown in ounces per 1000 square inches of paper. These figures include an allowance for normal coverage of ink, wire staples and possible weight variation over the listed substance weight. For very heavy coverage of ink, such as full bleed pages and /or silk screen printing, increase the per 1000 square inch weight by 5%.

Problem: To determine the total mailing weight of a catalog, size 6 x 9 with 48 pages of text (1 leaf printed 2 sides equals 2 pages) and a 4 page cover, mailed in a 6Z/x x 9Z/x open catalog envelope.

Substance Weights Involved:

Text Pages - 25 x 38 - 60
Cover - 20 x 26 - 65
Envelope - 28 #

Computation: Text weight - 6 x 9 equals 54 square inches x 24 leaves (not pages) equals 1,296 square inches. 2.1221 ounces (weight for 60# per 1000 square inches) x 1,296 square inches equals 2.7502416 ounces.

Cover weight - 6 x 9 equals 54 square inches x 2 leaves (not pages) equals 108 square inches. 4.32 ounces (weight per 1000 square inches of 65#) x .108 square inches equals .46656 ounces.

Envelope weight - from the envelope weight chart you determine that a 6Z/x x 9Z/x 28# envelope weighs .384 ounces. Add 5% to this figure to allow for upward weight and your total is .40320 ounces.

Summation of Mailing Weights:

Text	- 2.7502416	ounces
Cover	- .46656	ounces
Envelope	- .40320	ounces
	- 3.6200016	ounces

Alternative: By changing the text page weight to sub 25 x 38 - 40 lbs. the weight reduces as follows:

Substance Weights Involved:

Text Pages - 25 x 38 - 40
Cover - 20 x 26 - 65
Envelope - 28#

Computation: Text weight - 6 x 9 equals 54 square inches x 24 leaves (not pages) equals 1,296 square inches, 1.4553 ounces (weight for 40# per 1000 square inches) x 1,296 square inches equals 1.8861 ounces.

Cover weight - 6 x 9 equals 54 square inches x 2 leaves (not pages) equals 108 square inches. 4.32 ounces (weight per 1000 square inches of 65#) x .108 square inches equals .46656 ounces.

Envelope weight - 6Z/x x 9Z/x - 28# envelope weighs .384 ounces. Add 5% to this figure to allow for upward weight and your total is .40320 ounces.

Summation of Mailing Weights:

Text	- 1.8861	ounces
Cover	- .46656	ounces
Envelope	- .40320	ounces
	- 2.75586	ounces

As a first class mailing piece, under the current ??? postal rate, the 60# Text booklets would mail for 4 ounces or \$.?? per booklet, while the alternate 40# Text booklet would mail for 3 ounces or \$.?? .